

Core Competency Index for the Ph.D. Students of the Department of Statistics

2019.12.19

Educational Purpose	Core Competency	Core Competency Weight	Learning Objectives / Assessment Criteria																
			quantitative analytical skills	logical and analytical thinking	professional knowledge	strategic thinking	critical thinking	prompt reasoning	flexible reaction and adaptability	creativity	persistence	communication skill	effective listening skills	sympathy	teamwork	ability to accept constructive criticism	confidence	Self –Management	
To cultivate statistical professionals with respect to educational and research development ●To construct high-level statistical understanding ●To foster the ability to develop statistical theories ●To create innovative statistical methods ●To promote ideas and theories in the field of statistics ●To develop teaching ability, communication skills, and knowledge of professional ethics.	To equip with of high-level mathematical abilities	25%	√	√	√	√	√	√	√	√	√	√					√	√	
	To equip with knowledge of professional ethics	10%	√	√	√	√	√	√	√	√	√						√	√	
	To innovate statistical methods and methodology, and to develop statistical theories	45%	√	√	√	√	√	√	√	√	√						√	√	
	To equip with abilities in statistical consulting	10%	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	To equip with teaching capability and communication skills, interdisciplinary competence and teamwork abilities	10% Total : 100%	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√